

REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)

501.33961R00

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in patent number 5,914,763, granted June 22, 1999, and for which a

reissue patent is sought on the invention entitled LIQUID CRYSTAL DISPLAY WITH SUBSTANTIALLY EQUAL RESISTANCES FOR SETS OF TERMINAL ELECTRODES AND INCLINED WIRING ELECTRODES the specification of which

☐ is attached hereto.

☒ was filed on June 21, 2001 as reissue application number 09 / 885,166 and was amended on June 21, 2001 (If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.

☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.

☐ by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

Original patent claims 1 and 10 have been amended to clarify that each resistances of each set of the terminal electrodes and the inclined wiring electrodes are equal rather than the original claim language of claims 1 and 10 of the patent that each resistances of each set of the terminal electrodes and each set of the inclined wiring electrodes are substantially equal. Further, new claims 25-46 have been presented, wherein claim 25, for example, does not recite features concerning resistances of the electrodes as recited in original patent claims 1 and 10 or the specific length relationship of original patent claim 19.

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(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)

501.33961R00

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.

Name(s)	Registration Number
Donald R. Antonelli	20,296
David T. Terry	20,178
Melvin Kraus	22,466

See Attachment

Correspondence Address: Direct all communications about the application to:

☒ Customer Number

020457

Type Customer Number here

Place Customer Number Bar
Code Label here☐ Firm or
Individual Name

Address

Address

City

State

Zip

Country

Telephone

Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name)

Tatsuhisa FUJII

Inventor's signature

Tatsuhisa Fujii

Date

August 6, 2001

Residence

Fukuyama-shi

Citizenship

Japanese

Mailing Address 18-32 Zaou-cho 1-chome, Fukuyama-shi, Hiroshima-ken, Japan

Full name of second joint inventor (given name, family name)

Mitsugu KATAYAMA

Inventor's signature

Mitsugu Katayama

Date

August 9, 2001

Residence

Mobara-shi, Japan

Citizenship

Japanese

Mailing Address 1657-4 Kaminagayoshi, Mobara-shi, Chiba-ken, Japan

Full name of third joint inventor (given name, family name)

Tomohide OHIRA

Inventor's signature

Tomohide OHIRA

Date

August 9, 2001

Residence

Mobara-shi

Citizenship

Japanese

Mailing Address 13 Machibo, Mobara-shi, Chiba-ken, Japan

☒ Additional joint inventors are named on separately numbered sheets attached hereto.



Please type a plus sign (+) inside this box → +

PTO/SB/02A (11-00)
Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Tatsuyuki		FUMIKURA	
Inventor's Signature <i>Tatsuyuki</i>		Date <i>Jul. 31, 2001</i>	
Residence: City Mobara-shi	State	Country Japan	Citizenship Japanese
Mailing Address 1000-3 Mutsumo, Mobara-shi, Chiba-ken, 297-0012, Japan			
Mailing Address			
City	State	ZIP	Country Japan
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Hitomi		MADOKORO	
Inventor's Signature <i>Hitomi Madokoro</i>		Date <i>Jul. 31, 2001</i>	
Residence: City Mobara-shi	State	Country Japan	Citizenship Japanese
Mailing Address 15-3, 2-409 Midori-cho, Mobara-shi,			
Mailing Address Chiba-ken			
City	State	ZIP	Country Japan
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Patent Number: 5,914,763

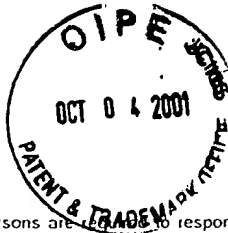
Issue Date: June 22, 1999

Invention Title: See 1 in Addendum

Attorney Docket Number: 501.33961R00

**Reissue Application Declaration by the Inventor (PTO/SB/51)
Registered Practitioner Information—Supplemental Sheet**

Name	Registration Number	Name	Registration Number
William I. Solomon	28,565		
Gregory E. Montone	28,141		
Ronald J. Shore	28,577		
Donald E. Stout	26,422		
Alan E. Schiavelli	32,087		
James N. Dresser	22,973		
Carl I. Brundidge	29,621		
Paul J. Skwierawski	32,173		
Robert M. Bauer	34,487		

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Tatsuhisa FUJII, et al.Application No./Patent No.: 5,914,763 Filed/Issue Date: June 22, 1999Entitled: See AttachmentSee Attachment, are Corporations

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 8813, Frame 0472, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Date_____
see addendum
Typed or printed name_____
Signature_____
TitleRECEIVED
OCT 16 2001
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PTO/SB/53 (12-97)

Approved for use through 9/30/00. OMB 0651-0033
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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REISSUE APPLICATION BY THE INVENTOR, OFFER TO SURRENDER PATENT		Docket Number (Optional) 501.33961R00
This is part of the application for a reissue patent based on the original patent identified below.		
Name of Patentee(s) Tatsuhisa FUJII, Mitsugu KATAYAMA, Tomohide OHIRA, Tatsuyuki FUMIKURA, and Hitomi MADOKORO		
Patent Number 5,914,763	Date Patent Issued June 22, 1999	
Title of invention LIQUID CRYSTAL DISPLAY WITH SUBSTANTIALLY EQUAL RESISTANCES FOR SETS OF TERMINAL ELECTRODES AND INCLINED WIRING ELECTRODES		
<p>I am the inventor of the original patent.</p> <p>I offer to surrender the original patent.</p> <p>1. <input checked="" type="checkbox"/> Filed herein is a certificate under 37 CFR 3.73(b).</p> <p>2. <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent has been made.</p> <p>One of boxes 1 or 2 above must be checked.</p> <p>The written consent of all assignees owning an undivided interest in the original patent is included in this application for reissue.</p>		
Signature <i>Tatsuhisa Fujii</i>		Date August 6, 2001
Typed or printed name Tatsuhisa FUJII		
The assignee owning an undivided interest in said original patent is <u>See Attachment</u> , and the assignee consents to the accompanying application for reissue.		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application, any patent issued thereon, or any patent to which this declaration is directed.		
Name of assignee HITACHI, LTD. & HITACHI DEVICE ENGINEERING CO., LTD.		
Signature of person signing for assignee		Date
Typed or printed name and title of person signing for assignee See Attachment		

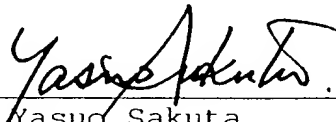
Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/53 (12-97) Reissue Application by the Inventor, Offer to
Surrender Patent

Name of assignee owning an undivided interest in said original patent:

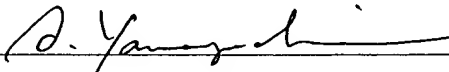
HITACHI, LTD. HITACHI DEVICE ENGINEERING CO., LTD.

Signature of person
signing for assignee



Mr. Yasuo Sakuta
Executive Managing Director
Hitachi, Ltd.

Date: July 17, 2001



Mr. Akiyama
Executive Managing Director
Hitachi Device Engineering Co., Ltd.
Display Design Division

Date: July 27, 2001



Addendum

Invention Title:

LIQUID CRYSTAL DISPLAY WITH SUBSTANTIALLY EQUAL RESISTANCES FOR
SETS OF TERMINAL ELECTRODES AND INCLINED WIRING ELECTRODES

Name of Assignee:

HITACHI, LTD. & HITACHI DEVICE ENGINEERING CO., LTD.

The undersigned (whose title is supplied below) is authorized to act on
behalf of the assignee:

July 17, 2001
Date

Mr. Yasuo Sakuta
Typed or Printed Name

Yasuo Sakuta
Signature

Executive Managing Director
Title
Hitachi, Ltd.

July 27, 2001
Date

Mr. Akio Yamaguchi
Typed or Printed Name

A. Yamaguchi
Signature

Executive Managing Director
Title
Hitachi Device Engineering Co., Ltd.
Display Device Design Division

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Addendum

1. LIQUID CRYSTAL DISPLAY WITH SUBSTANTIALLY EQUAL RESISTANCES FOR SETS OF TERMINAL ELECTRODES AND INCLINED WIRING ELECTRODES

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